

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|---|------------------|---------|------------------|
| L1 | 13422 | (planar or plane) near3 (waveguide or (wave adj guide)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/17 18:15 |
| L2 | 69409 | optic\$3 near3 (waveguide or (wave adj guide)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/17 18:21 |
| L3 | 8034 | 1 and 2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/17 18:15 |
| L4 | 2111 | 3 and (scatter\$4 or stray) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/17 18:16 |
| L5 | 1376 | 4 and ((scatter\$4 or stray) with (light or radiation or energy)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/17 18:17 |
| L6 | 705 | 5 and ((scatter\$4 or stray) with (waveguide or (wave adj guide))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/17 18:17 |
| L7 | 109 | 6 and (mach adj zehnder) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/17 18:18 |
| L8 | 23 | 6 and ((waveguide or (wave adj guide)) with (uncoupl\$5 or (un adj coupl\$5) or ("not" near2 coupl\$5))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/17 18:22 |

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|----|-------|--|---|----|----|------------------|
| L9 | 8 | ("5206920" "5809184" "6498878" "67131424" "6778316").pn. | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2005/09/17 18:34 |
| S1 | 5198 | (385/48 385/129-132 385/50 398/149 398/337.22 385/9).ccds. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/06 15:03 |
| S2 | 7822 | mach adj zehnder | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/17 18:18 |
| S3 | 13369 | (planar or plane) near3 (waveguide or (wave adj guide)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/17 18:15 |
| S4 | 2369 | S3 and scatter\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/06 15:05 |
| S5 | 69159 | optic\$3 near3 (waveguide or (wave adj guide)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/17 18:15 |
| S6 | 7995 | S3 and S5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/06 15:05 |
| S7 | 1971 | S6 and scatter\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/06 15:13 |
| S8 | 323 | S2 and S7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/06 15:05 |

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|-----|--------|---|---|----|----|------------------|
| S9 | 135917 | scatter\$4 with (light or radiation or energy) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/17 18:16 |
| S10 | 1065 | S7 and "0" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/06 15:14 |
| S11 | 1265 | S7 and S9 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/06 15:14 |
| S12 | 648 | S11 and (scatter\$4 with (waveguide or (wave adj guide))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/06 15:30 |
| S13 | 94 | S12 and S2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/06 15:19 |
| S14 | 407 | S11 and (scatter\$4 with reflect\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/06 16:06 |
| S15 | 20 | S11 and (scatter\$4 with trench\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/06 15:31 |
| S16 | 53 | S14 and trench | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/06 16:07 |
| S17 | 11 | ("4929515" "4938594" "5037507" "3947840" "4468085" "4978188"). pn. | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2005/09/07 10:54 |

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| S18 | 1 | "4976506".PN. | USPAT; USOCR | OR | ON | 2005/09/07 11:01 |
| S19 | 1 | "5046808".PN. | USPAT; USOCR | OR | ON | 2005/09/07 11:01 |
| S20 | 1 | "5193136".PN. | USPAT; USOCR | OR | ON | 2005/09/07 11:01 |
| S21 | 1 | "5321779".PN. | USPAT; USOCR | OR | ON | 2005/09/07 11:02 |
| S22 | 1 | "5393371".PN. | USPAT; USOCR | OR | ON | 2005/09/07 11:02 |
| S23 | 1 | "5442719".PN. | USPAT; USOCR | OR | ON | 2005/09/07 11:02 |
| S24 | 1 | "5793093".PN. | USPAT; USOCR | OR | ON | 2005/09/07 11:02 |
| S25 | 1 | "4936645".PN. | USPAT; USOCR | OR | ON | 2005/09/07 11:03 |
| S26 | 1 | "6181456".PN. | USPAT; USOCR | OR | ON | 2005/09/07 11:03 |
| S27 | 1 | "6298178".PN. | USPAT; USOCR | OR | ON | 2005/09/07 11:03 |
| S28 | 9 | "5321779" | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2005/09/07 11:04 |
| S29 | 1 | "4348074".PN. | USPAT; USOCR | OR | ON | 2005/09/07 11:05 |